

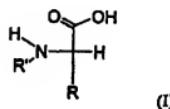
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(Previously Presented)** A method for the manufacture of an aluminum trihydrate comprising hydrolyzing an aluminum alcoholate at 0 °C to 60 °C in an aqueous hydrolysis solution at a pH value greater than 8 in the presence of at least one organic compound having 2 to 24 carbon atoms or the salt thereof, said organic compound having at least one amino group and at least one carboxyl group.

2. **(Previously Presented)** The method in accordance with claim 1 characterized in that the organic compounds have an amino group in the α, β, or γ position, relative to the carboxyl group.

3. **(Previously Presented)** The method in accordance with one of the preceding claims characterized in that the organic compound is an amino acid of general formula I



wherein R is H or a hydrocarbon group with 1 to 20 carbon atoms with if necessary one or a plurality of functional groups, and R' is H, or a C₁ to C₅ alkyl with if necessary one or a plurality of functional groups.

4. **(Previously Presented)** The method in accordance with any one of the claims 1, 2 or 3 characterized in that the organic compound has furthermore at least one hydroxyl group.

5. **(Previously Presented)** The method in accordance with one of the claims 1, 2 or 3, characterized in that the organic compound is L-serin, aspartic acid, glycine and/or L-leucin.

6. **(Previously Presented)** The method in accordance with any one of claims 1, 2 or 3 characterized in that the organic compound is present at 0.01 to 1 wt%, preferably at 0.2 to 0.5 wt% based on the total weight of the hydrolysis solution.

7. **(Previously Presented)** The method in accordance with any one of claims 1, 2 or 3 characterized in that the manufactured aluminum trihydrates have a nordstrandite or gibbsite structure.

8. **(Previously Presented)** The method in accordance with any one of claims 1, 2 or 3 characterized in that the hydrolysis is carried out at temperatures between 20 °C and 60 °C, preferably between 30 °C and 40 °C.

9. **(Previously Presented)** The method in accordance with any one of claims 1, 2 or 3 characterized in that aluminum alcoholates are added to the hydrolysis solution in a weight ratio, referring to aluminum alcoholate to hydrolysis solution of 1 to 0.7 to 1 to 3.

10. **(Previously Presented)** The method in accordance with any one of claims 1, 2 or 3 characterized in that in a further step after the hydrolysis the aluminum trihydrate compound undergoes a hydrothermal aging, preferably above for at least 1 h.

11. **(Original)** The method according to claim 10, characterized in that the hydrothermal aging at temperatures is carried out between 30 °C and 100 °C, preferably between 40 °C and 60 °C.

12. **(Previously Presented)** The method according to claim 11, characterized in that the hydrothermal aging is carried out in a solid material slurry with a solid material concentration from 2 to 25 wt%, preferably 3 to 5 wt%, calculated as Al₂O₃ and in relation to the total weight of the solid material slurry.

13. **(Previously Presented)** The method in accordance with any one of claims 1, 2 or 3 characterized in that the method furthermore comprises the step of calcining of the produced aluminum trihydrates with predominantly bayerite, nordstrandite and/or gibbsite structure for the manufacture of calcined alumina.

14. **(Original)** The method in accordance with claim 13, characterized in that the method comprises the calcining of aluminum trihydrates with predominantly nordstrandite and/or gibbsite structure.

15. **(Cancelled)**

16. **(Cancelled)**

17. **(Cancelled)**

18. **(Cancelled)**

19. **(Cancelled)**